

VOLUME VI — NO. 9

TRENTON, NEW JERSEY

SEPTEMBER—OCTOBER, 1948

# The HIGHWAY

## Highway Planning from the Air

The late Dr. John Finley, former college president and editor of the New York Times, once observed that he thought that geography should be taught from an airplane to give students a "planetary view" of the universe. While our schools and colleges have not been prompt to follow his advice, engineers, scientists and explorers have long recognized that the airplane has not only given man wings but enabled him to extend the boundaries of man's knowledge.

For twenty years aerial photography has been used in connection with highway improvements. Such photogrammetric work has proved of great service in the planning, location, and design of new highways. While it is true roads must ultimately be built on the ground and ground surveys are essential to supplement aerial surveys, it cannot be gainsaid that aerial photography is an important new tool in the hands of the highway engineer in the layout of modern highways. In brief, such aerial photography has been used all the way from the plotting of alternative alignments to the preparation of soil maps.

In more recent years the planning of new highways from the air has become both a skill and an art. The ability to visualize in "planetary terms" the exact location of a projected new motorway; to study it with reference to other land use and probable traffic pattern can be most useful. It achieves what no model can produce. For such detailed planning the airplane or dirigible provide by far the best mechanics to visualize how new facilities would relieve traffic congestion.

In New Jersey the State Highway Department has begun the use of such aerial investigation for highway planning. A series of such flights worked out in cooperation with the U. S. Navy have already commenced and will be continued in connection with routine training flights. Various members of the Planning Division will be enabled to inspect the highway system and study their plans and general locations in the light of these aerial views. This can be done carefully and objectively without unseemly haste. Subsequently it is hoped that draftsmen and designing engineers can undertake similar aerial trips.

We stand on the threshold of a new day in the development of highway planning even as we embark on the development of a new system of functional motorways, controlled access Parkways and Freeways. Thus does the progress of one scientific advance aid another engineering step forward. Together it reflects the genius of America and our capacity for willing cooperation which is the very condition of that genius.

*Spencer Miller, Jr.*  
State Highway Commissioner

## Bowling League Opens Season

### Eight Teams Better Balanced; Keen Race in Prospect

The State Highway Bowling League opened its 1948-49 season on September 13 at the Polish Falcons alleys on N. Olden Avenue, where they will play all scheduled games this year rather than at the Curtis alleys.

The Guards got off to a flying start and their record now reads 9 won and 0 lost. They are followed by the Machine Shop with a 6 and 3 record. The rest of the 8-team league trails, but at this early date predictions as to the final ratings are very much in doubt.

Many new faces are scattered among the teams and the league looks more balanced than in the past. There are several openings still available for Highwaymen who can bowl, so come out and roll a few.

The officers for the coming season are:

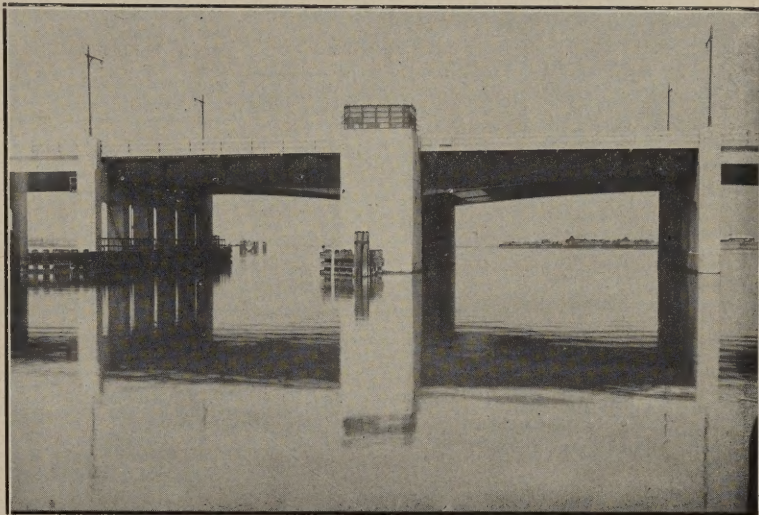
son are: Joe Mizur, Equipment Div., president; John Kilpatrick, Electrical Div., secretary-treasurer; Jack Washburn, Equipment Div., vice-president. Tony Crea, last year's president, will act as chairman of the important rules committee.

#### Team Standings

|                              | Won | Lost |
|------------------------------|-----|------|
| 1. Guards . . . . .          | 9   | 0    |
| 2. Machine Shop . . . . .    | 6   | 3    |
| 3. G. I. . . . .             | 5   | 4    |
| 4. Equipment . . . . .       | 5   | 4    |
| 5. Inspection . . . . .      | 5   | 4    |
| 6. Electrical . . . . .      | 4   | 5    |
| 7. White Line . . . . .      | 1   | 8    |
| 8. Maint. Painters . . . . . | 1   | 8    |

The 18th Annual Dinner of the Ten Year Club of the New Jersey State Highway Department will be held on Monday evening, November 1, 1948, at 6:30 o'clock, at the Stacy Trent Hotel, Trenton. Tickets will be available from Highway paymasters and your contact men. All reservations must be received by October 27.

## ANOTHER PRIZE WINNER



The Absecon Boulevard Bridge, (Route 56) over Beach Thorofare, is the latest State Highway Department structure to receive national acclaim. It was awarded first prize in the movable bridge division in a recent competition held by the American Institute of Steel Construction. The bascule section of the bridge was designed by Howard, Needles, Tammen, and Bergendoff. The contractor was Ole Hansen and Sons, Inc. The Bridge Division, under Morris Goodkind, is to be congratulated upon this award which proudly takes its place among the many previous citations won by the Department for the outstanding beauty of its bridges.

## Willard Emmons' Passing Keenly Felt By All

### Many Honor Former Assistant Superintendent of Equipment

With the passing of T. Willard Emmons on August 3, the State Highway Department lost one of its most highly respected, best liked, and most valued employees. For years the names of Emmons and Fernwood were nearly synonymous in the minds of those associated with the Highway Department, for there was not a nook or corner in the vast plant with which he was not entirely familiar, nor an operation with which he was not thoroughly versed. Indeed, it was he more than any other person whose advice led to the layout of the present plant. As Commissioner Miller said in referring to this unusual man: "... (he) was recognized as a mechanic of unusual ability with rare inventive skill. He could always find a way to solve every engineering problem presented to him. Nothing was impossible of accomplishment and little was difficult."

Willard Emmons came to the Department on January 20, 1919, as supervising mechanic, and more recently was given the title of assistant superintendent of Plant and Equipment. Prior to entering the state employ he had amassed a store of valuable experience in private business, having worked last at the local Buick agency.

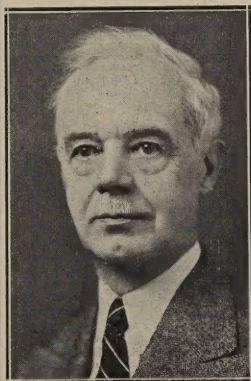
Mr. Emmons, who made his home at 40 Anabelle Ave., Trenton, was a member of Mount Moriah Lodge 28, F & AM; Trenton Forest 4, Tall Cedars of Lebanon, and Washington Camp 7, POS of A. He was a member of the Ten Year Club of the Highway Department and for quite a period

(Continued on Page 4)

## Johannesson to Retire October 16

### Plans to Live in California And Devote Time to Writing

Sigvald Johannesson, chief of the Bureau of Planning and Economics, has announced his retirement from State service effective October 16. His present plans are



SIGVALD JOHANNESSEN

to settle in California and devote a large portion of his time to writing on engineering subjects.

In leaving the Department Mr. Johannesson looks back on nearly a quarter of a century of distinguished service highlighted by many outstanding achievements. As the chief designer of the now famous Pulaski Skyway, he first attained a position of prominence in the engineering profession. Prior to that he had worked on the Pennsylvania Railroad tunnels and for the Inter-Rapid Transit in New York.

After the completion of the Pu-

## Throughway Model On Exhibition at State Fair

### Many Thousands Enjoy Pre-View at Highway Exhibit

A model of the Trenton Throughway was the feature of the State Highway exhibit at the Trenton Interstate Fair. This model, constructed at a scale of 150 feet to the inch, shows the entire Throughway from the point where it enters Trenton over the proposed new toll bridge to the point where it joins Route 26 at the Brunswick Avenue traffic circle. While symbolic to a degree, all city streets and principal buildings are accurately shown, as are waterways and railroads.

The model was constructed in the model shop of the Department by model maker Ted Spawn and was made for the dual purpose of affording engineering study and acquainting the general public with the details and route of this outstanding engineering project. In addition to the immediate features of the Throughway, future connections running south along the old Delaware and Raritan canal are shown. The model is 4 feet by 8 feet.

Because of the unusual interest which has been shown in this model, arrangements have been completed to display it in one of the windows of the Nevius-Voorhees department store from Oct. 5 until Oct. 12. Additional plans are contemplated for placing the model in hotels where it can be viewed by service clubs.

laski Skyway, Mr. Johannesson moved to Trenton where he supervised the construction of the new laboratory at Fernwood and re-wrote the standard State Highway Department specifications.

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# THE HIGHWAY

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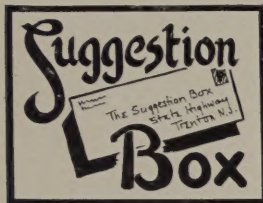
In the Interests of Its Employees

W. CARMAN DAVIS, Editor

## Contributing Editors:

|                |                   |                |
|----------------|-------------------|----------------|
| Fred C. Claus  | Mabel Beans       | James O'Rourke |
| Elmer L. Meyer | Geo. Heffernan    | Claire Laczoni |
| Peg Beatty     | W. Eugene Beckner | Jack Meyer     |
| Joseph Mahan   | Herman Kramer     | Fred Quinn     |
|                |                   | Bill Ward      |

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No worker carries on with his job over any considerable period of time without getting an idea or two about what he is doing and how these ideas would result in an improvement. So most workers, and particularly those doing a specific job, and thinking about it, are ready... prepared to offer a suggestion about it.

Let us take Einar Holboell, an obscure postal clerk in Denmark, as an example of a fellow who thought about things as he worked. As Einar was sorting mail, Christmas gifts and such, he suddenly thought what a wonderful thing it would be if there were an extra stamp on each package. Then there would be a great fund for taking care of the needy. Einar was a fellow who thought about things like that.

King Christian warmed to the thought and in 1904 four million stamps at a penny apiece were sold in the Copenhagen post office. Through letters the stamps came here and in 1907 the idea was adopted in this country, and since then it has traveled around the world.

No estimate is possible of the great good done through the sale of the Christmas seals that Holboell originated. This obscure postal clerk died in 1927, but he lived to see his idea catch on; he knew that his kind thought had resulted in a great relief for sufferers.

There is reason to believe that public employees are overcoming the so-called inertia associated with routine tasks, and like Einar Holboell they are thinking about things as they work. Nearly 500 ideas have been written down and sent in, many of them have been accepted for use and a goodly proportion are actually in practice.

The suggestion plan in the Highway Department is a unique and successful means of offering public employees an opportunity to contribute their ideas to the advancement of all phases of highway work. Those who take advantage of the opportunity offered profit through a careful evaluation of their ideas in the light of their value to the Department and the State.

Your suggestion remains anonymous—a number—until processing is completed. That is a precaution to assure your idea every opportunity to win solely on its merit. Send your constructive thoughts to the "Suggestion Box," State House Annex, Trenton.

A. J. L.

## Johannesson to Retire October 16

(Continued from Page 1)

About the time these interim jobs were completed, he turned his talents to the problem of widening Route 26 from Trenton to Penns Neck. It was at this time that he developed the ingenious method of moving long sections of concrete highway by means of extending hoses. Although many Department engineers were to add contributions to this method before it reached its ultimate state of perfection, the original idea and early development were credited to him.

Mr. Johannesson is the author of "Highway Economics" which

## Administration Division

BILL WARD

There was a rumor around the office that Frank Allen had caught a fish. A friend of his was asked if this was so. "Well," he said grudgingly, "in a manner of speaking, yes. It was a fluke—the fish I mean—and he says it weighed six pounds. He has a picture of himself holding the fish. He says it's a real good picture, but whether he means himself or the fish, I don't know." He thought for a while. You remember that sandbar that blocked off the water around Avon and the fish couldn't get out to sea? Well, that was the time Frank made his catch. It's my belief that the fish got tired of hanging around that place with all the pushing and shoving and when he saw Frank's line he thought "What have I got to lose?" and just jumped for it. But don't write that—just say Frank Allen caught a big fish."

Lem Mayer, who has one of the best tennis courts in this area on his ground, seldom uses it himself but keeps it in shape for his friends. Oddly enough, he says, he seems to have more friends in the summer than in the winter.

Ed McElroy, the Scottish Minstrel, spent his vacation in Atlantic City leaving just before the start of the beauty contest. The sea air didn't do that guy any good.

Bill Cramer, who looks as dignified as a senator, returned from his vacation wearing a light blue shirt and a sharp bow tie. No square, he.

Irving Schmidt is a regular patron of the New York theatre and such places as the Latin Quarter and the Copacabana. He seems to have been in mostly every place in New York except the Soviet consulate.

Ted Spaw and the editor of this paper—fellow by the name of Davis—went fishing with Bill VanBremen at Harvey Cedars. Deadline as usual, Carman.

John Gulch has purchased an outdoor motor and races up and down Delaware Bay.

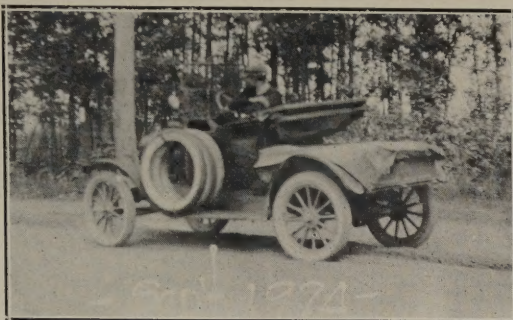
## Commander Noble Returns From Vacation

Refreshed from two weeks at his Maryland farm, State Highway Engineer Charles M. Noble returned to his desk on September 7 to resume the task of heading New Jersey's greatest highway construction program. As to his activities during his vacation the Commander says he just took things easy.

was first published in 1931 and was the original book on this subject. Before that, together with Bertram Hewett, he authored a book entitled "Shield and Compressed Air Tunneling." Prior to coming to the United States in 1903 he had worked for several years on street layout and tunneling for the City of London, and during this period Mr. Hewett had been his immediate supervisor. He had migrated to England shortly after graduating from the University of Copenhagen in Denmark.

The latest achievement of this eminent engineer was the formation of the Division of Planning and Economics which was established by direction of Commissioner Miller in 1946.

In leaving the State Highway Department, Mr. Johannesson takes with him the best wishes of his many friends for a long and fruitful retirement.



Traveling inspectors working out of Fernwood in early 20's traveled from job to job in model T Fords as shown above. In the rear, covered by tarpaulin, were carried the tools necessary to keep Highway equipment in operation. The driver of the above vehicle was Joseph Havron who today has charge of the Vineland Garage.

## SURVEY and PLANS

FRED C. CLAUS

### PLEASANTVILLE

J. L. Beckley

We are glad to welcome Larry Oliver back to the fold after a leave of absence. Larry must have had a little too much sand in his shoes to stay away from Jersey permanently.

Alan Feldman left to resume his studies as a senior at Penn State. He had been attached to this office for the summer as a junior engineer.

Gene Gillette will have a daughter and Ed Evans a son entering college this fall.

Route 45, Section 24, East Broadway, Salem, is reaching the cleaning up stage.

John Beckley and family spent a week in New England at the homes of his brother at Winchester and Christian Hill, Mass.

Our deepest sympathy is extended to Edgar Y. Corson and Mrs. Corson upon the recent tragic passing of their son, James, aged 21, who died as the result of an automobile accident on Route 49 near Bridgeton on August 23. He was driving to work as foreman for the J. R. Williams Construction Co. on their paving contract on East Broadway, Salem.

### NEWARK

Harry S. Stover

Congratulations are in order for Mr. and Mrs. William Kaufman. They are now the proud parents of a bouncing baby boy. Nice work, and thanks for the cigars!

Austin Schenck's house truly has the "new look." The new siding and paint make a great improvement.

Say, with the mention of paint, Howard Bigby's house makes a fine appearance with its grade A-1 paint job.

If it's eggs you want to purchase, see Ed. "Eggs" Miller or Mike "Yolk" Carolan.

Our vacationists during the month were: Bill Bloss—Martha's Vineyard; Ed Houghton—Chadwicks; Lou VanBergen—Manasquan; Carl Borton—Montana; Al Desimone—Seaside Heights. All well rested, we hope!

Bill Hasberg is still looking for his first ripe tomato. Cheer up, Bill, you may get one before frost time.

Vernon Ditting reported back to work after recuperating from an emergency appendectomy. He looks O. K.

Irving Matten, with the assistance of some Hudson County men, is slowly chopping out the Bayonne Freeway line.

We welcome Frank E. Hamler, engineering aide, and Charles E. Shanley, map draftsman, to our forces.

George C. Hoffman, Lewis Schickel, Farris Smith, summer employees, reported back to college.

### LEWIS STREET OFFICE

Joe Cunningham

Joe Tallon is with us again after a long illness.

Route No. 25, Cranbury By-Pass, is under construction with "Dutch" Brennflock and party doing the stake-out.

Joe Janacek and party are back in Trenton staking the Freeway. Work on the first section of this project is progressing and the second section will soon be let.

Tommie King and Johnnie Leedom demonstrated their quip pitching ability recently by winning the first prize trophy of an outing held August 21.

New employees assigned to this office include John Haney, Guy LoBue, Joseph Kubinski, and Larry Zazzo. Nine summer employees have left to resume their studies.

### UPPER MONTCLAIR

Harold S. Weiss

Now that Labor Day has come and gone, many of our summer employees are returning to their respective colleges. Their association with the Department not only gave them valued experience but also assisted the Department with its gigantic construction program. We wish the following summer employees the best of luck on continuance of their scholastic endeavors: Bramson, Bradley, Rigassio, Dougherty, Duxbury, Kliminski, and Goldberg.

Van Zee recently returned to the Department and joined Villar, Kowar, Schoenwald, Shidlowski, and Palkowitz as members of the Construction Division.

Simpson and Spagnola have joined field parties in the great out-doors. With these two expeditions, watch the progress increase.

A new group of aides and junior engineers joined us recently. They are: Smith, Miniaci, Packet and Nickens.

Transferred to our office are the following: Tancordo, Calcagno, and Kendall, from Cranford. From the Perth Amboy office we welcome McMahon, Moritz, Elliot, and Prestigiacomo. All are assisting with the construction of Route S-3.

Our office is proud to announce that Kunzler, Simpson, and Della Torre each passed three of the recently held examinations. Mrs. Della Torre celebrated the occasion by purchasing a television set.

The Englishmans recently returned from an auto tour of south Jersey and Pennsylvania. Rodger Coupe and family spent a few weeks at the Jersey shore. John Lincoln spent a week visiting Canada. We hope a good time was had by all.

### TRENTON

Al Cohen

To Jim and Mrs. Kersey are extended sincere sympathy upon the recent death of Mrs. Kersey's mother.

Congratulations to Tom Stephan and Stacy Fine. The former upon the recent marriage of his

## CHARLES H. WELLER

Charles H. Weller, 70, of Hightstown, died at St. Francis Hospital, Trenton, on August 13, following a brief illness. Since June, 1919, he had been in the employ of the Maintenance Division, first as an inspector and in later years as foreman. In this latter capacity he was more recently assigned to mudjacking and miscellaneous construction operations in which field he had long experience.

Mr. Weller was a life resident of Hightstown and was one of the best known citizens of that community. Besides being a member of the Borough Council, he, together with his brother, operated a tobacco shop which was somewhat of a landmark, being the first store of its kind in the community at the time of its founding by his father.

An enthusiastic advocate of the State Highway suggestion system, Mr. Weller was also its leading contributor, having submitted 25 suggestions for consideration. Besides receiving a certificate of merit and a war bond in December of 1946 for a suggestion leading to an improved design for bridge approach slabs, he also received honorable mention for an improved design of safety barricade.

Mr. Weller was active in lodge affairs, being a member and past master of Hightstown Lodge F & AM; Crescent Temple AAOHMS; Ancient Accepted Scottish Rite of Trenton, and Royal Arch Masons, Goodwin Chapter No. 36, of Manasquan. He also was a member of the Ten Year Club.

Funeral services were held from his home at 512 N. Main Street, by the Rev. John R. Humphreys, Hightstown Baptist Church on Monday, August 16.

Mr. Weller is survived by two daughters, Mrs. Orland P. Barksdale and Jane Weller, and three grandchildren, to whom every sympathy is extended.

daughter, and the latter upon becoming a grandfather. Events like these remind us that Father Time is rapidly tearing the months and years from the calendar.

Rudy Vogel has returned to work after an approximate two months' absence following removal of the appendix.

The brightness in Marie Walsh's eyes seems to have that Teaneck touch. Is it "Bottom Trousers" that we here her wistling? Happy landings!

Male golfers, look to your laurels! Reports have it that Edith Toth and Claire Congleton have taken to the fairways and are making great strides in hitting that little white ball around. Keep us posted, girls, and stay out of the high grass.

### CRANFORD

James Hyde

Resigned: Fred White, Sebastian Gallella, George Bauernschmitt, Leland Smith, Charles Smith, Robert Grimm, Donald Miller, and John Fitzsimmons. Most of these men have left the Department to finish their schooling, and Emil Handzel, Alexander Kay and Robert Silverstone have taken temporary leaves of absence to continue with their studies.

Our ranks have been further depleted by the transfers of Justin Calcagno, Nicholas Tancordo, and Wallace Kendall, who were transferred to the Montclair Office, and by the transfer to construction of Karl Lamp and Maurice McCabe.

Tom Reilly returned to work after a short absence as the result of a cut on his face which required several stitches. The accident occurred while Tom was helping unload a truckload of stakes into our basement storeroom.

We welcome Mrs. Maude Jacobs who was assigned to this office on August 2 as a clerk. Mrs. Jacobs is replacing Emil Handzel who has taken a leave of absence.

Dave Benoit was married to the former Clara Bodine of Long Valley, N. J., on August 22.

Born on August 11 to Bill and Dorothy Goodwin, a daughter, Lynne Dorothea. This is their first child.

Bill Reins, Jim Hyde, and Bill Beck have been assigned to work in "Season 2." Fellow employees at Cranford don't seem at all surprised.

Incidentally, who is "MR. HUSH?"

## Your M. C. presents— THE LADIES... Bless Them

One last peek before the curtain descends on "Vacation Time" . . . Rita DeVaney spending time in Canada and New York . . . Anne O'Connor's trip to Canada was via the New England States . . . New England also being the choice of Helen Disbrow . . . Shore points visited by Helen Tallon, Atlantic City; Marilyn Kinter, Ortley Beach; Doris DeCarlo, Wildwood; Mary Cunningham, Seaside Heights.

Deepest sympathies are extended to Fannie Brenna of the Administration Division upon the death of her mother, Mrs. Mary J. Brenna, on September 10. Mrs. Brenna was in her 63d year.

No little guest size, but a good old-fashioned welcome mat out for Joan Petry, Maintenance Division, Lona Ciancio, Administration Division and Dorothy Brown, Administration Division.

Hail and Farewell . . . Before your M. C. had the opportunity of welcoming Lorraine Sheldon to the Administration Division, she had already bid us fond adieu. On August 7 Lorraine married Robert Farr (son of our Edith Farr) and resigned from the Department as of September 15. Inasmuch as Edith has a daughter by the same name, we quote her charming statement, "It seems I am blessed with Lorraines."

It's good to see Theresa Ryan back with us again after so long an absence.

"Vinnie" Beckner's happiness being as evident as it is, we take the liberty of deviating from our stringent code of "ladies only" to wish Gene a happy return to the Department.

'Bye now . . .

## ELECTRICAL FLASHES

JOSEPH MAHAN

Chet Anderson recently spent a vacation in Tennessee, reportedly looking for good corn whiskey; and Al Wright, just returned from a fishing trip in Canada. We take it that Chet was more successful than Wright because all Al talks about is the fish that got away.

Joe Hunt, of the Trenton Office, also "almost caught" a couple of big ones while vacationing in the Tuckerton area.

Sick list: John Irons, Sr., Edward Broderick, Alex Dickson, Martin Hyers, Herman Silverman, and Richard Yentsch, bridge operators; and Andy Leaver, of the Fernwood forces. Happily, all are expected to be back with us very soon.

Best of luck to our co-workers who have resigned: Bob Fine, draftsman, to enter U. S. Air Forces; Steve Krasnansky, Jack O'Rourke, Frank Walsh, Jr., and Henry Franzoni, who returned to college.

WELCOME BACK to those lucky people who have recently enjoyed their 1948 vacations and will now have to work another year before they can forget their official cares: Joe Hunt, Chet Anderson, Don Henderson, Dot Hudak, and Marion Forester, of the Trenton Office; and Al Wright, Bill Rasmussen and Tony Russo, of Fernwood.

The Electrical Division Bowling Team, including Russ Henry, have completed their summer training and are all set to maintain a red hot pace.

Help the  
Community Chest  
Drive  
Oct. 15-25

## PROJECTS PARAGRAPHS

E. L. MEYER

Word has been received from Lt. Col. Wm. V. Paul that he intends to resign from the Highway Department and stay in the Army.

Before the war Bill was traveling inspector in Atlantic and Ocean Counties. When hostilities started he volunteered along with several others of our inspectors and was an officer in the 349th Engineers. Later on he was transferred to a different branch of the service and saw considerable action in the South Pacific.

Bill is now commander of the Heavy Equipment School at Fort F. E. Warren, Wyoming, where they teach the Aviation Engineers the use of equipment used in constructing airports, etc. His address is: Lt. Col. Wm. V. Paul, Base S-1, Fort F. E., Warren, Wyo.

A clipping from a South Jersey newspaper informs us that Projects Engineer Harvey Wallace is quite a collector of antiques—specializing in old clocks and beer mugs.

At present his collection includes eleven clocks, most of which are weight operated, and 22 beer mugs of various ages. Other items in his collection are guns, sabers, and pistols of the Civil War period.

New members of the Projects Division whom we have not mentioned before are: Julia Berman, who takes Peggy Cullen's place in Mr. Harris' office; Evelyn Giovagnoli in Mr. Faxon's office; Margaret Cumberley in Mr. Weber's office; Donald Danaso and Edward Jones, engineering aides; Mathew Hahn and Daniel Procacino, inspectors, who are temporarily working in the office, and the following inspectors: John M. Salt, Wm. J. Quinn and Martin J. Ducko, Jr., all of Trenton; Nicholas Melchione of West Orange; Charles H. Lotz of Clifton; Thomas V. Morris of Gloucester; Paul H. Snyder of Oxford; Lyman J. Lutter, Jr., of Bridgeton; Theodore A. Chamberlain of Cranford; Aloysius T. Donohue of Jersey City; George J. Fitzgerald of North Bergen; and Frederick J. Bebbington of Maple Shade.

Joseph Aiello has been promoted to the title of auditor.

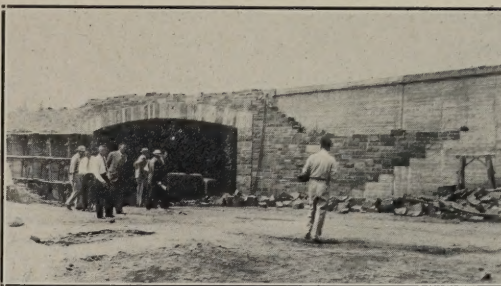
## Navy Blimp Used By Engineers

Study Traffic Flows in  
Many Areas

Convinced that a bird's-eye view of highways offered a better way to study traffic movements, engineers of the Highway Department and the Public Roads Administration took to the air on Friday, September 10, as the guests of Naval Reserve Squadron ZP 51 of Lakehurst. Since this was a regularly scheduled training flight, postponement because of weather conditions could not be considered and so the trip over New Jersey was made in a heavy downpour. Visibility, however, was moderately good.

Morris Goodkind, bridge engineer, Ralph Fisher, designing engineer, W. M. Wagner of Planning and Economics, and Charles Hall of P. R. A. were the engineers who accepted the flight invitation of Lieut. Commander Nicholas Callaghan, public relations officer of the airbase. Under the expert command of Commander Ray Gosson and co-pilot Commander James Quinn the party left Lakehurst at 10 a. m. and proceeded to Trenton where the Freeway was looked over. From there Routes 25 and 26 were followed to New Brunswick, where the flight proceeded east to Route 4 and then northward over Route 100 Freeway and the Route 4 Parkway. Traffic conditions were then studied north as far as Hackensack. From there they flew southward to Route 10, west to Clinton Point, east over 28 to Somerville, Bound Brook, New Brunswick, Perth Amboy, South Amboy, and eastward over Routes 35 and 36. Near Atlantic Highlands a course was charted over the ocean to Seaside Park where they turned inland to Lakewood. The time of arrival was 2:30 p. m., the precise hour set at the takeoff.

## PARKWAY BRIDGE NEARS COMPLETION



One of the new stone-faced bridges along Route 4 Parkway is inspected by the press in recent tour of reporters who visited outstanding construction projects along the Highway system. The above bridge is at Central Avenue in Clark Township, Union County.

## COMMISSIONER MILLER VISITS WORLD CHURCH ASSEMBLY

The modern era of rapid transportation in which we are living was again forcefully demonstrated by Commissioner Miller's recent visit to the First Assembly of the World's Council of Churches in Amsterdam. Unable to devote the necessary time away from the Highway Department, the Commissioner could not accept the position of delegate to the Assembly and instead accepted the appointment of accredited visitor.

Leaving New York on August 28, he flew via KLM (Royal Dutch Airlines) to Holland where he attended many of the sessions of the

Assembly and found enough extra hours to visit Rotterdam where he looked over plans for post-war reconstruction with the director of that great project. Instead of returning to the United States by way of KLM, this veteran flyer, who has well over one hundred thousand air miles to his credit, surrendered his seat to an American mother and baby who had been unable to obtain passage, and flew to England where he arrived in time to attend Sunday services in Westminster Abbey. From there Commissioner Miller returned to New Jersey on the BOAC (British Overseas Airways) with a stop in Iceland and a bird's-eye view of southern Greenland. He dropped out of the sky at LaGuardia Field on Labor Day, having attended church in Connecticut, the Netherlands and England on consecutive Sundays.

## Bridge Division To Honor Those Leaving Employ

On October 9 in the Terrace Room of the Stacy Trent Hotel in Trenton, the Bridge Division Club inaugurated a new policy of observing officially the retirement or resignation of former employees. To give the affair added color, it has been decided to include the wives of members as has been done in past years on Ladies' Night.



Jack Sheenan, president of the Bridge Division Club, who addressed a recent gathering of that organization with the aid of a microphone.

Those honored by this testimonial are: H. R. Gabriel, principal engineer, who retired on August 15 after twenty-three years with the Bridge Division; Harry M. Bergen, senior bridge inspector, a veteran of twenty years; Virgil E. Williams, senior bridge inspector, who first came to the Department in 1923; and William Clow, Jr., bridge inspector, whose employment dates back to 1928.

The dinner committee was headed by A. J. Lichtenberg, chairman, who is assisted by C. D. Weller, L. C. Petersen, and Harry Lefferson. The regular entertainment committee of the Club cooperated with the testimonial committee. This was composed of Wilbur H. Spencer, chairman, J. H. Patrick, J. J. Koffler, and L. P. Shortz. John Sheenan is president of the Club.

## EQUIPMENT ITEMS

JAMES O'ROURKE

Wedding bells rang out for Ernest Cutti, Equipment operator, and Miss Elaine V. Rainbow, who were married in Trenton on September 4, and again for Henry Fyaz, mechanics helper, and Miss Helen Troy, who were married at St. Mary's Greek Catholic Church in Trenton on September 5. Honorary guests were present in Washington, D. C., and Canada, respectively, and to each couple Fernwood extends wishes for a long and happy married life.

Congratulations to Mr. and Mrs. Frank Hutchinson who celebrated their 32nd wedding anniversary on September 1.

Jim Collins, equipment inspector in charge of Merchantville Garage, suffered a heart attack on July 21. He is slowly recuperating at his home in Merchantville and if progress continues he will soon be back at his old assignment.

Harry Hullfish is one who knows that ladders cannot be trusted. While painting his home recently the ladder broke, throwing him to the ground. The accident necessitated five days' hospitalization—but Harry, coming from hardy stock, has completely recovered and is now back at work.

Vacationing in Maine for the month of August to enjoy the big game fishing tournaments was Frank Devereaux.

The sudden death on August 8 of Willard Emmons was indeed a shock and his loss will be keenly felt by all his associates here. His family has our profound sympathy.

William McCullie, roller operator at Fernwood, passed away at McKinley Hospital in Trenton on July 28 after a short illness. Bill joined the Highway Department on May 5, 1938, and worked in various sections of the State. Surviving him are his wife, one son, and two daughters. To them we extend our deepest sympathies.

Of October 25, Dunham's department store; week of November 1, Sears-Roebuck; week of November 8, Montgomery-Ward; two weeks, November 15-29, Trenton Library and branches.

Following this itinerary the model will be taken to Trenton's City Hall where it will remain for an indefinite period.

The above schedule was worked out by Frank Reddan with the approval of Commissioner Miller.

## Trenton Freeway Model Displayed

The recently completed model of the Trenton Freeway will be shown locally for the next two months so that citizens of the Capital City will have an opportunity to familiarize themselves with the details of the proposed construction.

During the week of October 5 to the 12th this fine model will be on display in a window of the Nevius - Voorhees department store. Then follows a busy schedule: October 13, Kiwanis and Unico Clubs (Stacy Trent); October 14, Rotary and Zonta Clubs (Stacy Trent); October 18-19, at the Chamber of Commerce; October 20-21, Civitan and Optimist Clubs (Hotel Hildebrecht); week



The above trio, wreathed in smiles, are, in the regular order, Vincent Berberick, chief, Bureau of Planning Survey; Otto H. Fritzsch, asst. director, Division of Planning and Economics, and Wesley R. Bellis, chief, Bureau of Planning and Economics. The photo was taken by Preston Northrup of the Newark office.

## ON HIGHWAY INSPECTION TOUR



Members of the press and officials on the recently conducted tour of New Jersey Highway projects. This picture was taken at the Rahway River along Route 100 Roadway and shows from left to right: A. Robinson and Edgar Lawson, Public Works contractors of Darlington, England; State Highway Commissioner Spencer Miller, Jr.; George Shick, Trenton Times reporter; Herbert Holman of Associated Press; Neil MacDougall, Central District Engineer of N. J. State Highway Department; Edward W. Kilpatrick, Assistant State Highway Engineer; Frank Pierce, reporter for Newark News; Frank Reddan, director, Public Relations, N. J. State Highway Department; Hugh J. Connelly, general manager, Associated General Contractors of N. J., and Harry A. Hartman, principal engineer, N. J. State Highway Department.

## Jersey Officials To Attend Parley

New Jersey will have a prominent role in the meeting of the American Association of State Highway Officials in Salt Lake City, Utah, next week.

Due to the Garden State's leadership in construction methods, the American Association requested its representation.

Acting Governor John M. Sumner, Jr., has delegated State Highway Commissioner Spencer Miller, Jr., and Assistant State Highway Engineer Edward W. Kilpatrick.

Commissioner Miller is regional vice president and will conduct the forums on public relations. With Kilpatrick he also will take part in the meetings on road design, maintenance, snow removal and other Highway Department problems.

Harold W. Giffin of the State Survey and Plans Division, who is making a trip west by car during his vacation, will attend the meetings of committees of which he is a member.

### WILLARD J. MEALEY

Willard J. Mealey, 52, for the past ten years a foreman in the Maintenance Division, died suddenly of a heart attack during the early morning of September 14 at his home, 1897 Pennington Road, Trenton.



Prior to joining the forces of the State Highway Department in May of 1938, Mr. Mealey was construction superintendent of the Kolyn Construction Co., of Trenton, and in this capacity was known to many of the men he was to work with later.

In his youth Mr. Mealey was well known for his athletic prowess and starred in football, baseball, and track while a student at Trenton High School and Gettysburg College. He was an active member of American Legion Post 93, having served his country during World War I.

Funeral services were held on September 18 by the Rev. John B. Oman, pastor of the First Methodist Church, and the Rev. William R. Guffick of St. Paul's Methodist Church. Interment was in Ewing Cemetery.

Mr. Mealey is survived by his wife, Mrs. Nina Collins Mealey and a daughter, Mrs. Richard Collins, to whom we extend deepest sympathies. The State Highway will long miss Willard Mealey.

## Ten Year Club Annual Outing

### Rochford and Leadom Capture Quoit Tournament

One hundred and fifty members attended the 17th annual outing of the Ten Year Club which was held in Italian Sportsman Park on Saturday, September 11. A full day of sports and social activities was provided by a committee headed by Clyde Case, highlighted by a soft-ball game between a picked team from the Trenton area and Maintenance men from the Keyport district. At the end of several innings, it was decided to call a halt, with the Trenton contingent leading by a comfortable margin.

John Rochford and John Leadom won the quoit tournament, an event that has been featured for many years. Other sports and contests were in evidence throughout the day.

Refreshments, as in the past, were plentiful, particularly the liquid variety, and in keeping with the high traditions of the past, thirty-five door prizes were turned over to holders of lucky numbers.

The committee which assisted Clyde Case in the preparation of this affair, and to whom much credit is due, consisted of Tony Esposito, John Kownack, Ken Craft, "Ossie" Nelson, Bill Carnival, George Kraus, George McCann, Anthony Crea, George Conover, Jim Malloy, Art Hancock, William Sharpe, Russell Parker, Sven Hedin, John Patrick, Thomas MacRorie, John Rochford, Henry Johnson, Frank Matzer, William Rasmussen, Russell Henry, Clarence Scales, Michael Lesnak, and Ralph Sherman.

### CREDIT UNION

#### Members Urged to Save

Due to recent publicity in The Highway relative to the benefits to be derived from membership in the Highway Credit Union, loan applications have greatly increased.

Savings have not kept pace with demand. As loans are made from funds deposited by members, it is necessary that the members be urged to increase their savings in order to have a balance large enough to take care of these increased loans.

Initial deposits up to \$500 are accepted at one time.

J. A. KILPATRICK, Treas.  
190 W. State St.  
Trenton, N. J.

## BRIDGE BRIEFS

WILBUR SPENCER

We are glad to welcome back in the fold L. C. Petersen, now recuperating from an appendectomy. The operation was a success.

Baird Whitlock left for Middlebury College to teach. Jim Weisel returns to Princeton University and Tony Santinello to Rutgers.

The following are now enjoying well earned vacations: L. C. Petersen in Maine, Phil Burch at Ocean Gate, Paul Gabrenas in Chicago, J. B. Bugbee at Seaside, Bill Simon on various trips, Mike Tristan on Long Island, Jack Evans in New England, Stae Kan-yuh in West Trenton, Fred Dileo at week-ends in Browns Mills, and Charlie Fox enjoying week-end ball games in Philadelphia.

Harry Lefferson puts on that new look after his wonderful trip to the Yellowstone.

Recent visitors to the office from the field were Kenneth Yates and John J. Sheenan. Sheenan is still pouring tons of concrete at the East State job.

Morris Goodkind spent part of his vacation at Allenhurst—rain . . . rain . . . rain . . . Too bad, better luck next time.

Dave Lawshe, L. P. Shortz, J. H. Patrick and W. H. Spencer planning a return to the fishing banks to retrieve those big ones they missed in July.

### Announce New Arrival

Mr. and Mrs. Oliver A. Deakin announced the arrival of a son, Collin Lawrence, on September 22. The youngster, who is the first addition to the Parkway Engineer's home, was born in McKinley Hospital, Trenton. In handing out the cigars, Deakin said that mother and baby were doing fine. Congratulations.

Don't forget the  
Ten Year  
Club Dinner

Monday evening,  
November 1,  
at 6:30 o'clock

STACY TRENT HOTEL

## Maintenance Notes

Charles J. Doherty

We are happy to report that Gene Beckner, absent from the office the past year due to illness, is now back at work again. Gene says that he never thought type-writers were so good looking before. Beck sure looks good and has put on considerable weight.

Norm Horner says that he just celebrated his eleventh wedding anniversary. The gang here in the office got advance word of this and promptly bought what we thought was a very appropriate card—a sympathy card—to send to his wife, signed by all the members of the office. Norm's wife got quite a laugh out of it.

The following story was reported to us the other day: It seems that Jack Stanley and Bert Wood, while making an inspection on Route S-28, came across an underdrain which had started to cave in. During the course of the inspection Bert Wood put his hand into the drain and started to pull out some of the debris. One of the men nearby gave a helping hand with a hoe and proceeded to pull out a large black snake. Bert turned several shades paler. The rest of the gang got quite a kick out of Bert's discomfiture.

Phil Voss, just returned from a recent trip to his old regiment out in Indiana, says that the Army is just about the same as ever, only more so. He also says that the roads out there are good, but that it's still Jersey roads for him.

All of us regret the passing of Charlie Weller, Maintenance foreman, who died August 13. Charlie was an excellent foreman and was loved by all who knew him.

We extend our sympathies to Walter Horner, Bridge foreman, whose wife died in August.

Now that Charlie McGinnis and George McCann are back from those strenuous training chores at Fort Belvoir, Va., they are now going about the office with that right military bearing, trying to issue orders to the underlings. Of course, nobody pays any attention to this and there are no "Yes Sir's" and "No Sir's" given in reply. It's a good thing, though, that these training periods are for only two weeks a year.

### WILLIAM T. KAYS

William T. A. Kays, 68, died on August 16 as the result of an accident which occurred earlier the same day on the Route S-3 construction project of which he was in charge. At the time of the accident he was approaching the concrete mixer on the road job when he was run down by a batching truck. He sustained multiple fractures of both legs and was rushed to St. Mary's Hospital, Passaic, where he was given blood transfusions. His death was attributed to shock.

Mr. Kays was one of the real veterans of the Northern Construction Division, having joined the Highway Department in May, 1922, as a senior civil engineer. He was subsequently promoted to resident engineer and more recently to principal engineer. He was born in Newton on May 21, 1880, graduated from Princeton University with a civil engineering degree in 1904. Prior to entering the employ of the state he had worked on such projects as the Pennsylvania tunnels under the Hudson River.

Mr. Kays was a brother of Vice Chancellor Henry T. Kays and in more recent years had made his home in Mountain Lakes. He was a member of the N. J. Land Surveyors Society, the N. J. Society of Professional Engineers, and the Ten Year Club. He had been engineer-in-charge of such construction projects as Route 10 and Route 6, and at the time of his death was supervising the construction of Route S-3.

He is survived by his wife, Helen Sturtevant Kays, 20 Raymond Road, Mountain Lakes; two sons, William T. A. Kays, Jr. of Somerville, and Robert O. Kays of East Orange. Also surviving are two sisters, Mariella R. Kays and Mrs. Amelia Kays Cartledge. On behalf of the Department, THE HIGHWAY extends every sympathy.

## PLANNING and ECONOMICS

NEWARK

Jack Meyer

With most of the vacations for the year tucked away with other pleasant memories, we are once more back to normal. Juan Delgado, Joe Natale, Charlie Berberich, Al Maspoli, and Vince Berberich are those who have yet to taste of this freedom or are enjoying it at this time, with Louise Becker and Joe Severns taking a day or two at a time to stretch it out.

The end of the summer not only brings an end to most vacations but also brings to an end, for this year, the pleasant association we have had with those fellows who have taken jobs during their summer vacations from school. We shall miss Dave Braybrooke, Howard Rigby, Jr., and Martin Zuckerman, but hope to see them again next year.

After waiting 15 months and some days for his new car, Vince Berberich finally got delivery and this took quite a lot of heat off Juan Delgado. Del says he did not get anything for this one, but he went on vacation right after the deal was completed.

The past few months have made some changes in our personnel. Ed D'Ancona left to go into business for himself, Al Charrette to go back into the service, and John Christiano to become a building inspector in his home town. We welcome Fred Baker (senior clerk), Leonard Greene (assistant Highway analyst), and the return of Gene Condoso from Trenton. Glad to have Sam Guidotti with us in the Newark office and hope he can stay.

As a result of the recent exams, Joe Severns, Dick Uth, Johnny Annucci, Al Maspoli, and Bob Youngs all received appointments. Nice work and good luck.

TRENTON

Fred Quinn

The "Back to School" movement; "Bob Nolan and Sam Guidotti to the Newark School of Engineering; R. T. Patterson to Rutgers; B. E. Vanaman to Rider College; and J. E. Jones is taking an extension course in highway engineering.

Pg Gibbs, who was confined to her home for three weeks with a sprained ankle, has now returned to work.

Werner Sonntag is now senior highway engineer in charge of road life.

Max Wagner is all set to paint his home. He has been lugging cans of paint around for the past few days. And also, the "roof" is now on W. R. Bellis' place.

## Willard Emmons' Passing Keenly Felt By All

(Continued from Page 1)

of time served as a member of the Suggestion Committee where his experience and wise counsel were greatly valued. During the late war he served with Flotilla 13, Coast Guard Auxiliary.

As a mark of respect, the Fernwood shops were closed Thursday afternoon, August 12, the day of the funeral, and also Mr. Emmons' 62nd birthday, to permit his many associates and friends to attend the services which were held in the Calvary Baptist Church. Interment followed in the Colonial Memorial Park in Trenton.

Mr. Emmons is survived by his wife, Mrs. Stella M. Kirby Emmons; a son, Kenneth A., an employee of the Equipment Division; three sisters, Mrs. David A. Saslow, of Chester; Mrs. Raymond Tiger and Mrs. Albert LaForce, of Mendham; a brother, J. Fred Emmons, of Mendham; and two grandchildren. THE HIGHWAY belatedly adds its sympathies to the hundreds already received.